

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Exeter Architectural Products 242 West 8th Street Wyoming, PA 18644

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: 5' x 7' Ready Mount Storm Shield Hurricane Barriers

APPROVAL DOCUMENT: Drawing No. SSHB-4, prepared by Exeter Architectural Products, titled "Storm Shield Hurricane Barriers", sheets 1 through 8 of 8, with latest revision #1, dated November 19, 2015, signed and sealed by Larry D. Jones, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, city, state, the following statement: "Miami-Dade County Product Control Approved", NOA number, and TAS-201, TAS-202, and TAS-203, unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises & renews NOA # 12-1019.19 and consists of this page 1, evidence submitted pages E-1 and E-2 as well as approval document mentioned above.

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.

MIAMI-DADE COUNTY APPROVED He GA. Mbr. 01/21/2016

NOA No. 15-0528.02 Expiration Date: 07/14/2020 Approval Date: 01/21/2016 Page 1

Exeter Architectural Products

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 09-1207.02

A. DRAWINGS:

1. Drawing No. SSHB-4, prepared by Exeter Architectural Products, titled "Storm Shield Hurricane Barriers", sheets 1 through 8 of 8, with latest revision #1, dated June 03, 2010, signed and sealed by Thomas H. Maxwell Jr., P.E., on June 10, 2010.

B. TEST:

- 1. Architectural Testing Report #90750.01-109-18, single unit, per TAS 201, TAS 202, & TAS 203, dated 07/22/2009, signed and sealed by Michael D. Stremmel, P.E.
- 2. Architectural Testing Report #82182.01-109-18, triple units, per TAS 201, TAS 202, & TAS 203, dated 09/16/2009, signed and sealed by Michael D. Stremmel, P.E.

C. CALCULATIONS:

1. Anchor calculations dated 11/14/09, pages 1through 4 of 4, signed and sealed by Thomas H. Maxwell Jr., P.E. on 11/29/09.

D. OUALITY ASSURANCE:

1. By Miami-Dade Building Code Compliance Office.

E. MATERIAL CERTIFICATION:

1. Certified Tensile Test Report No. #82182.01-109-18, issued by Architectural Testing, dated 09/16/2009 for perforated infill.

F. STATEMENTS:

- 1. Letter issued by Thomas H. Maxwell Jr., P.E., certifying this product conforms to the current Florida Building Code, dated 11/27/09, signed by Thomas H. Maxwell, Jr., P.E.
- 2. Letter issued by Thomas H. Maxwell Jr., P.E., certifying no financial interest, dated 11/27/09, signed by Thomas H. Maxwell, Jr., P.E.

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 12-1019.19

A. DRAWINGS:

1. None.

B. TESTS:

1. None.

C. CALCULATIONS:

1. None.

Ælmy A. Makar, P.E., M.S.

Product Control Section Supervisor

NOA No. 15-0528.02

Expiration Date: 07/14/2020 Approval Date: 01/21/2016

Exeter Architectural Products

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE:

1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS:

1. None.

F. OTHERS:

1. Letter of compliance with the Florida Building Code, 2010 Edition and ASCE 7-10, issued by Thomas H. Maxwell, Jr., P.E. Consulting Engineer, dated September 30, 2012, signed and sealed by Thomas H. Maxwell, Jr., P.E.

3. NEW EVIDENCE SUBMITTED

A. DRAWINGS:

1. Drawing No. SSHB-4, prepared by Exeter Architectural Products, titled "Storm Shield Hurricane Barriers", sheets 1 through 8 of 8, with latest revision #1, dated November 19, 2015, signed and sealed by Larry D. Jones, P.E.

B. TESTS:

1. None.

C. CALCULATIONS:

1. None.

D. QUALITY ASSURANCE:

1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS:

1. None.

F. OTHERS:

1. Letter of compliance with the Florida Building Code, 2014 Edition and ASCE 7-10, issued by H & H Engineering, Inc., dated November 20, 2015, signed and sealed by Larry D. Jones, P.E.

Helmy A. Makar, P.E., M.S.

Product Control Section Supervisor NOA No. 15-0528.02

> Expiration Date: 07/14/2020 Approval Date: 01/21/2016

GENERAL NOTES

- 1. THIS PRODUCT IS DESIGNED AS A HURRICANE SHUTTER
- 2. THESE PRODUCTS SATISFY THE FOLLOWING TESTING CRITERIA FOR LARGE MISSILE IMPACTS AND WIND LOADS IN ACCORDANCE WITH THE FOLLOWING STANDARDS:

FLORIDA BUILDING CODE 2014, 5TH EDITION, HIGH VELOCITY HURRICANE ZONE (TAS 201-94, TAS 202-94, TAS 203-94)

3. EACH BARRIER SHALL HAVE A PERMANENT LABEL PLACED IN A VISIBLE LOCATION WITH THE FOLLOWING INFORMATION:

EXETER ARCHITECTURAL PRODUCTS
STORM SHIELD METAIRE, LA
MIANI-DADD COUNTY
PRODUCT CONTROL APPROVED
TAS-201,TAS-202,TAS-203
NDAW 10-058802

STORM SHIELD NANTICOKE, PA MIANI-DADE COUNTY PRODUCT CONTROL APPROVED TAS-801,TAS-802,TAS-803 NOAW 15-0528.02

LABEL SIZE: 2" X 3/4"

ALTERNATE HANGFACTURING LOCATION

EXETER ARCHITECTURAL PRODUCTS

- 4. DESIGN PRESSURE CALCULATIONS SHALL BE PERFORMED BY A REGISTERED ARCHITECT OR PROFESSIONAL ENGINEER IN ACCORDANCE WITH ASCE 7-10. THE ALLOWABLE DESIGN PRESSURES FOR EACH PRODUCT TYPE (APPROVED UNDER THIS N.O.A.) ARE LISTED WITH ITS CORRESPONDING DRAWING.
- 5. ALL ALUMINUM PARTS ARE MADE FROM 6063 T5 SERIES ALUMINUM. THE PERFORATED PANELS SHALL BE .079" (NOMINAL THICKNESS) GALVANNEALED STEEL WITH AN OPTION FOR .079" (NOMINAL THICKNESS) STAINLESS STEEL. ALL PARTS SHALL BE SUPPLIED WITH A PROTECTIVE FINISH.
- 6. A FASTENER SCHEDULE FOR EACH PRODUCT CAN BE FOUND ON THE INDIVIDUAL DRAWINGS.
- 7. BARRIER CONSTRUCTION SHALL BE IN ACCORDANCE WITH DESIGNS AND METHODS SET FORTH BY THE MANUFACTURER CONTAINED HEREIN.
- 8. TO ENSURE PROPER OPERATION, INSTALLATION SHALL BE PERFORMED USING METHODS AND INSTRUCTIONS SET FORTH BY THE MANUFACTURER CONTAINED WITHIN THESE DRAWINGS.
- 9. UNITS MUST BE ATTACHED TO CONCRETE OR STRUCTURAL COMPONENTS OF THE BUILDING. OUTER WALL COVERINGS OR DECORATIVE ATTACHMENTS THAT ARE NOT PART OF THE BUILDING STRUCTURE ARE NOT SUITABLE FOR MOUNTING.

DRAWING INDEX

PAGE 1 OF 8 - GENERAL NOTES/INDEX

5 X 7 READY MOUNT (ENHANCED)

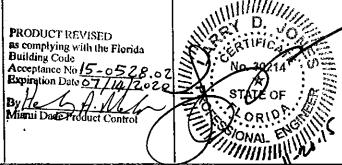
PAGE 2 OF 8 - 5' X 7' SINGLE, READY MOUNT, FACE MOUNT UNIT. PAGE 3 OF 8 - 5' X 7' SINGLE, READY MOUNT, INSET HOUNT UNIT. PAGE 4 OF 8 - 5' X 7' TRIPLE, READY MOUNT, FACE MOUNT UNIT. PAGE 5 OF 8 - 5' X 7' TRIPLE, READY MOUNT, INSET HOUNT UNIT.

MATERIALS & FASTENER SCHEDULE

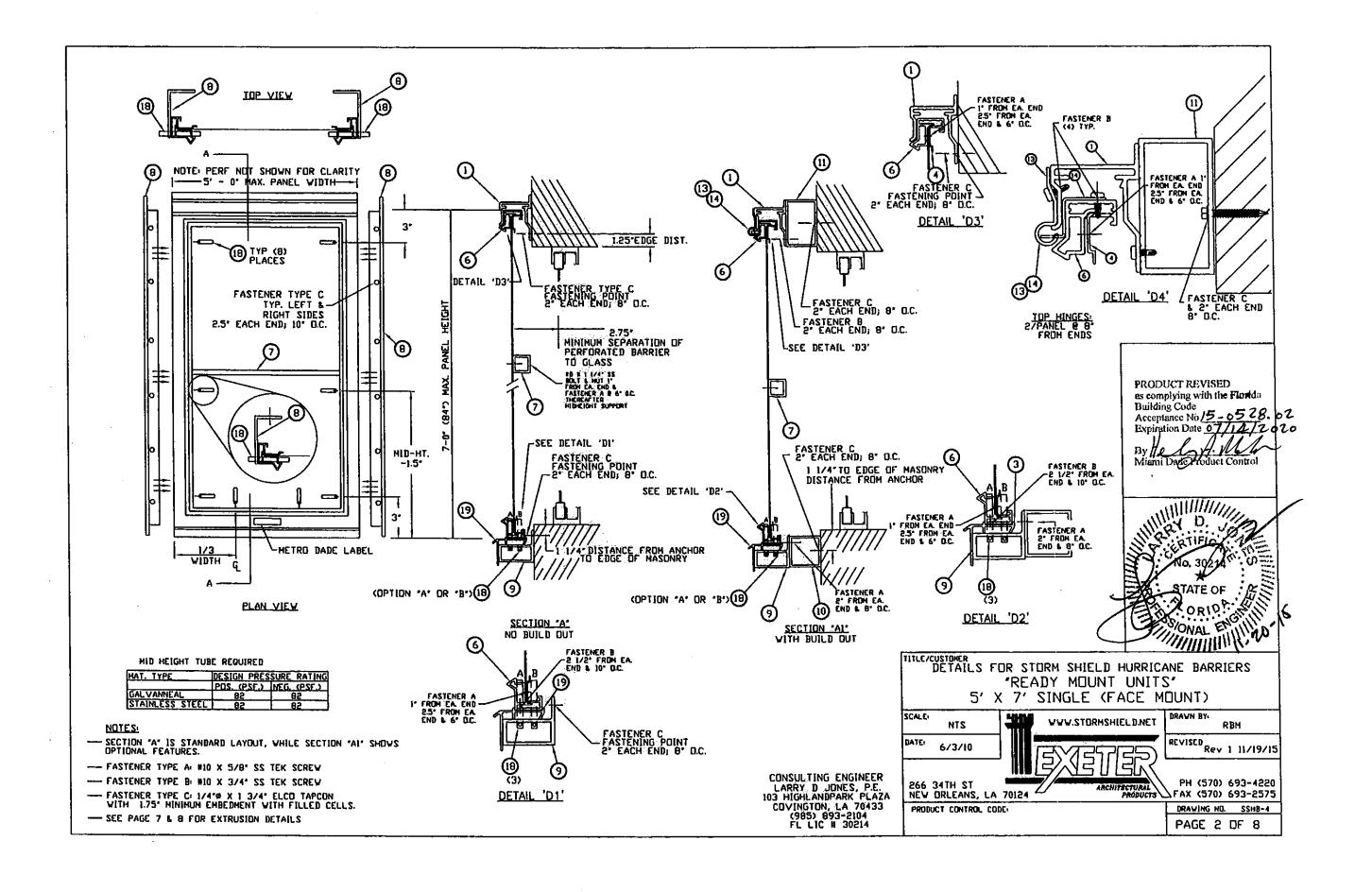
PAGE 6 OF 8 - SUBFRAME ASSEMBLY DETAILS
PAGE 7 OF 8 - COMPONENT/EXTRUSION DETAILS.
PAGE 8 OF 8 - COMPONENT/EXTRUSION DETAILS. CONT.

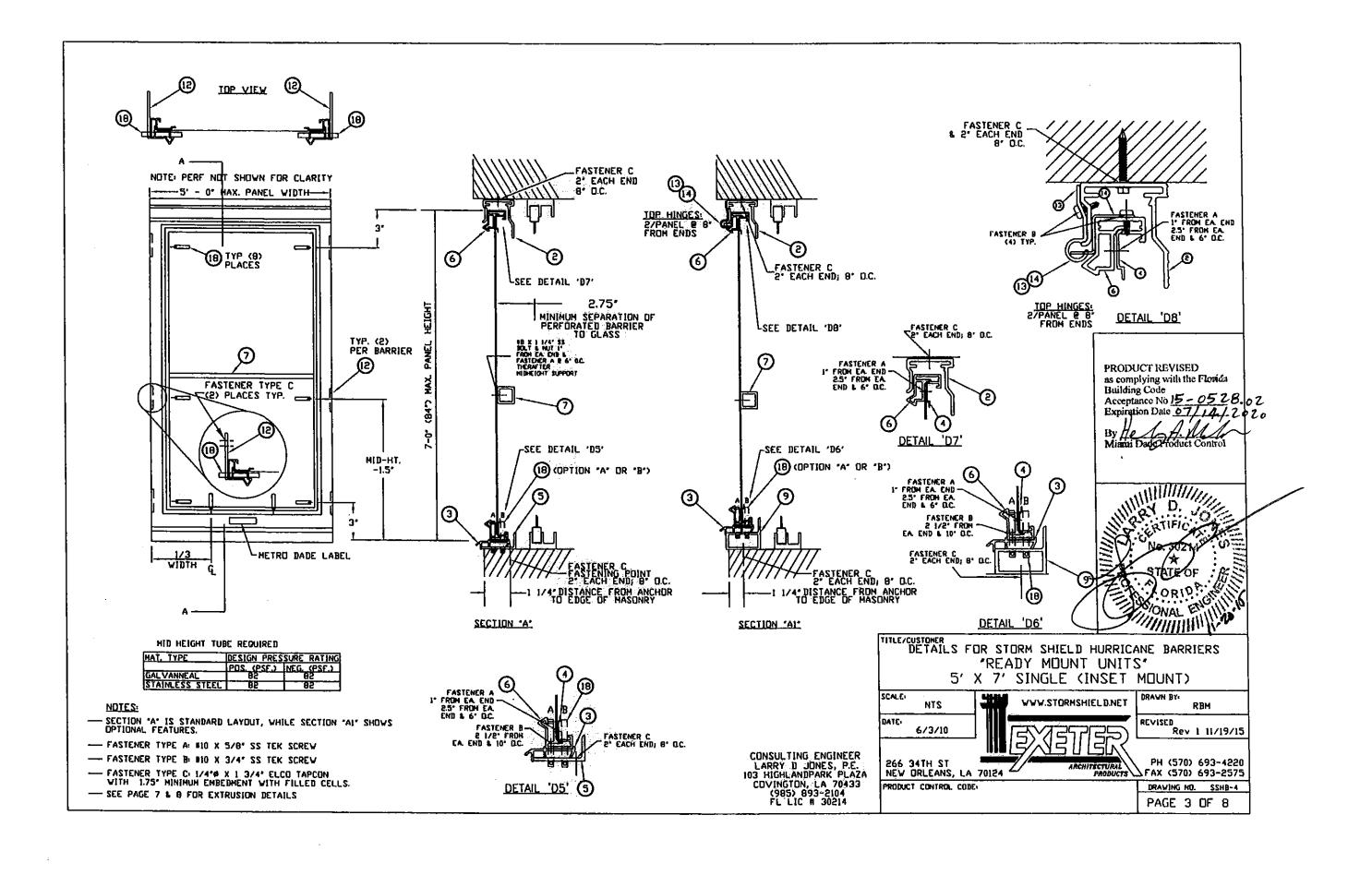
CONSULTING ENGINEER LARRY D JONES, P.E. 103 HIGHLANDPARK PLAZA COVINGTON, LA 70433 (985) 893-2104 FL LIC # 30214

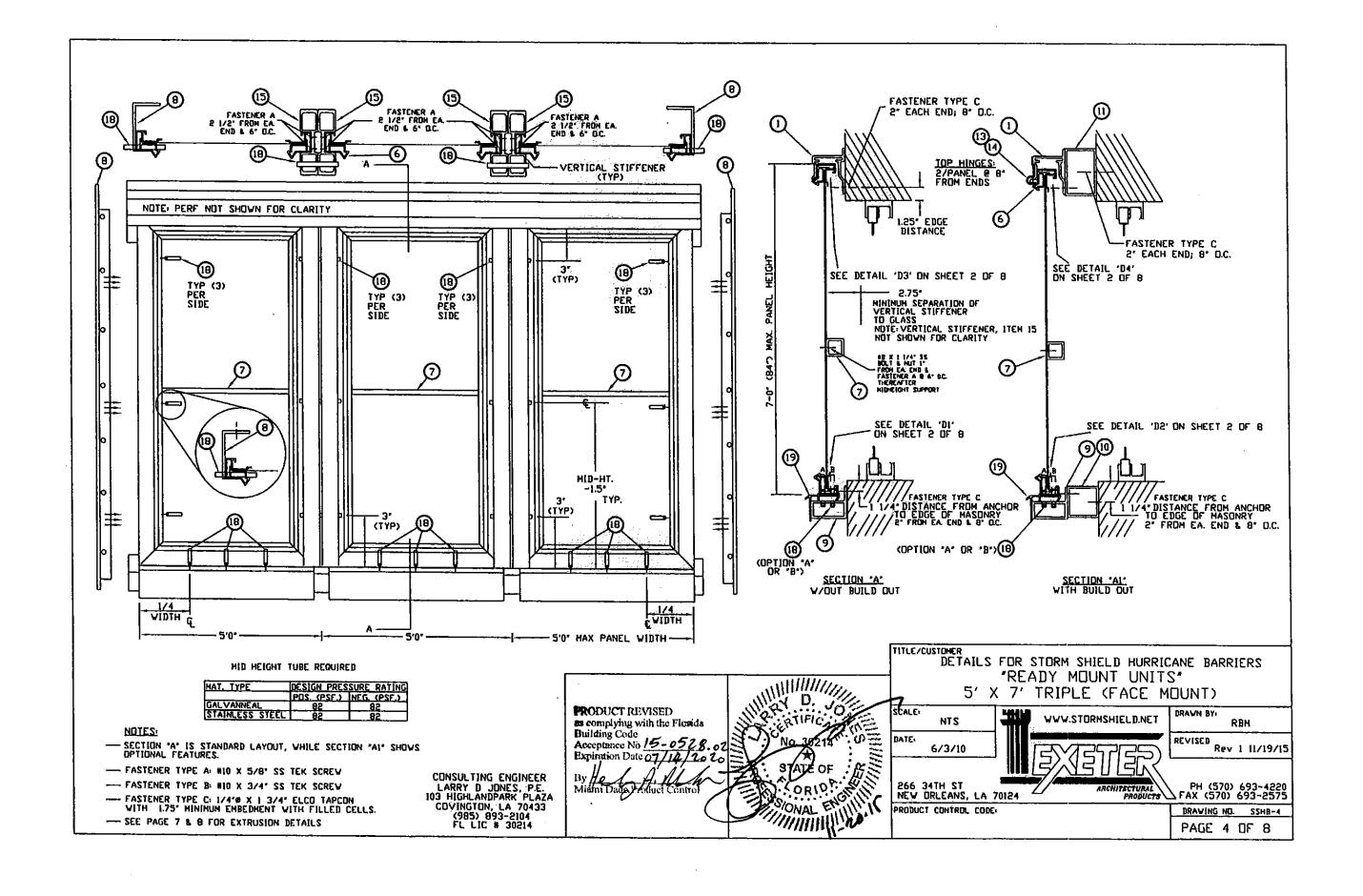
PAGE 1 OF 8

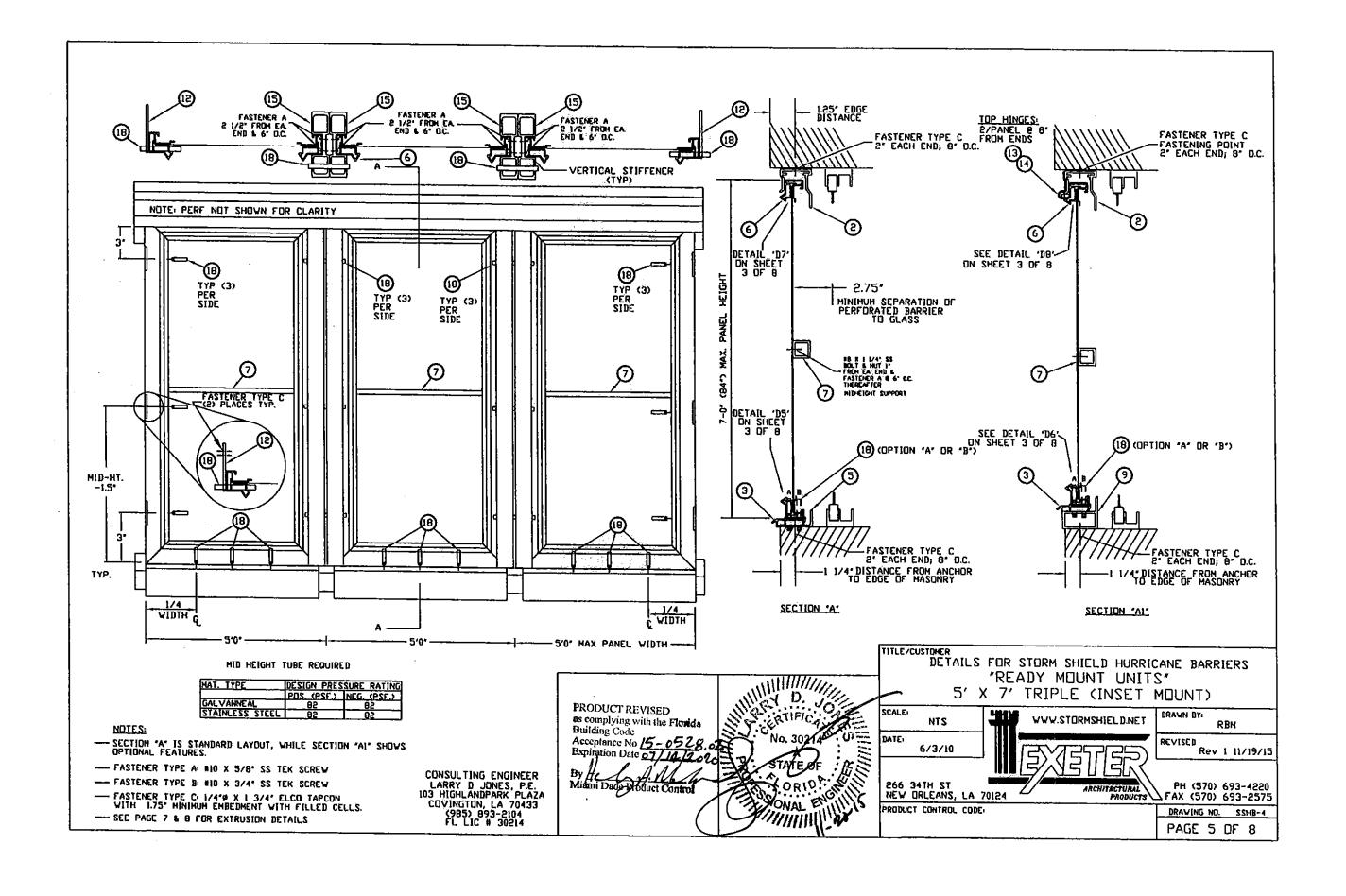


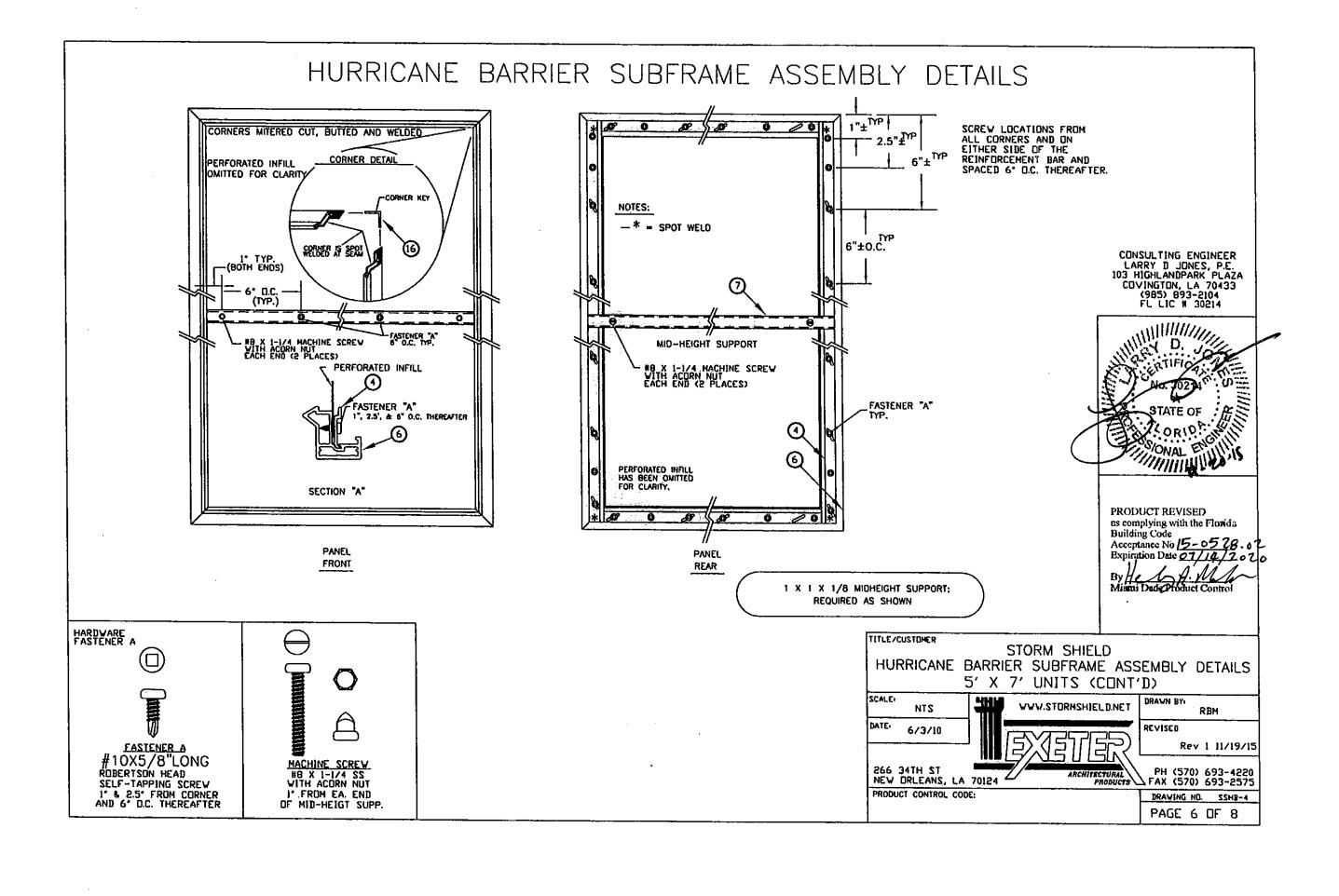
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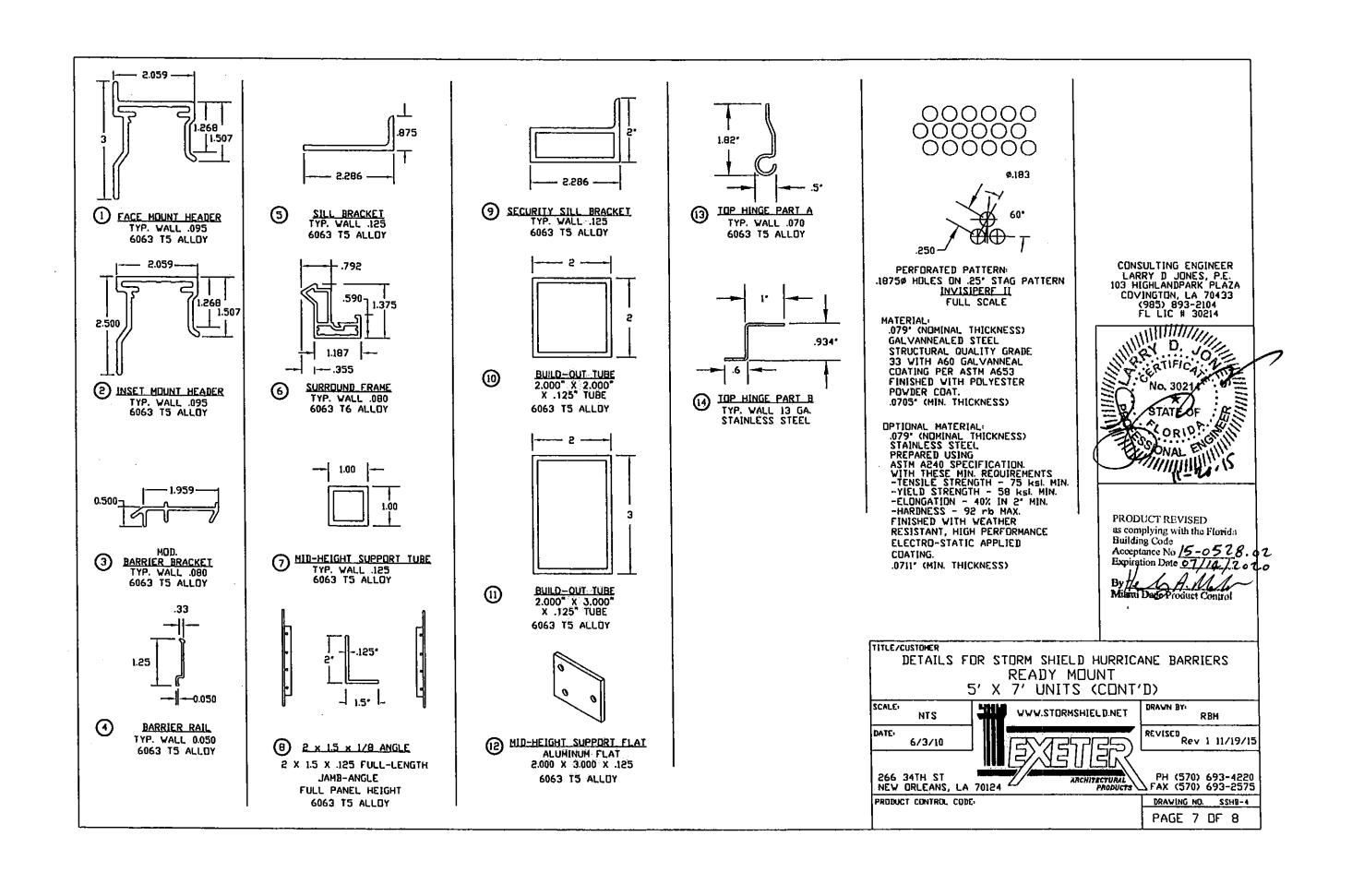


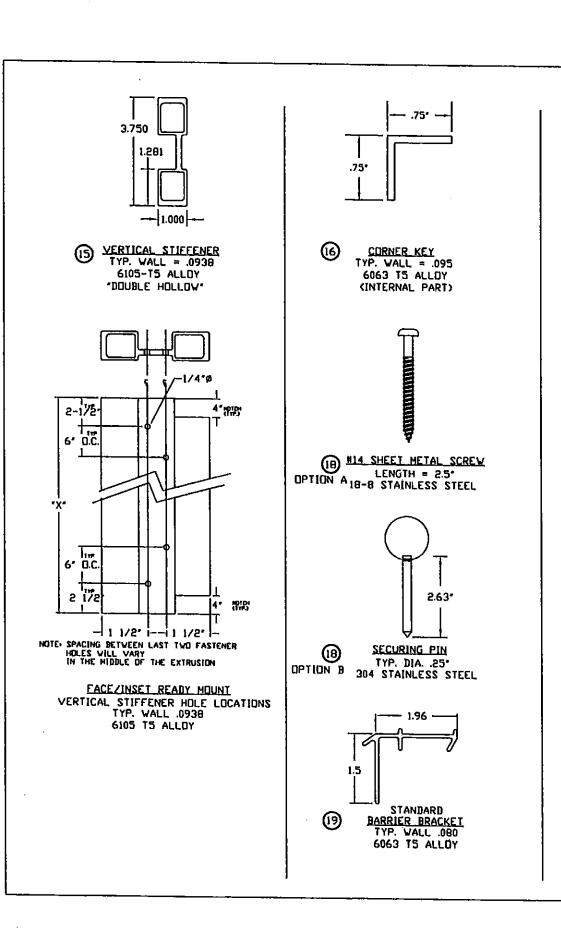




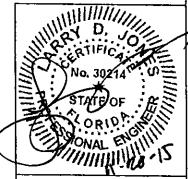








CONSULTING ENGINEER
LARRY D JÜNES, P.E.
103 HIGHLANDPARK PLAZA
COVINGTON, LA 70433
(985) 893-2104
FL LIC N 30214



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 15-0528.02
Expiration Date 07/14/2020

By le A. M. M. Migrai Dade Product Control

PAGE 8 DF 8

TITLE/CUSTOHER DETAILS FOR STORM SHIELD HURRICANE BARRIERS READY MOUNT 5' X 7' UNITS (CONT'D) SCALE DRAWN BY WWW.STORMSHIELD.NET NTS RBM DATE REVISED 6/3/10 Rev 1 11/19/15 266 34TH ST NEV ORLEANS, LA 70124 PH (570) 693-4220 FAX (570) 693-2575 ARCHITECTURAL PRODUCTS PRODUCT CONTROL CODE DRAVING NO. SSHB-4